

HabasitLINK[®] M2470 GripTop 1"



Your Source For Habasit
Belting And Chain

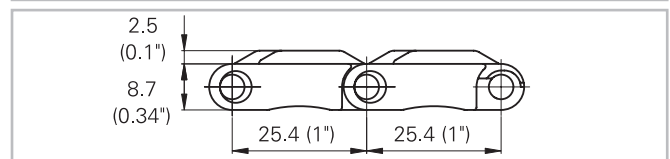
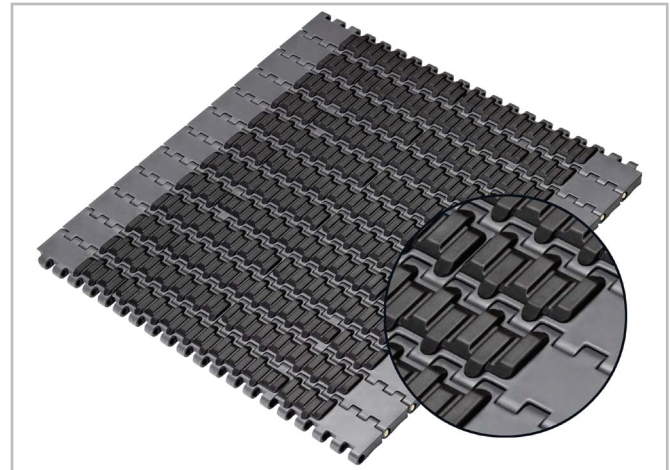
www.StilesEnterprises.com • 1-800-325-4232

Description

- Imperial belt width
- 0% open area
- Abrasion resistant GripTop, high friction
- Closed hinge
- Rod diameter 4.5 mm (0.18")
- Headless Smart Fit rod retention
- Strong closed edges
- Optimized for 50 mm (2") idle roller diameter, 40 mm (1.6") possible
- Lug teeth sprockets

Available pattern

- Fully covered by GripTop or in rows of any distance in multiples of 25.4 mm (1")
- With indent 38 mm (1.5") or without indent



Belt data

Belt material		PP		POM	
GripTop material		TPE		PA	
Rod material		PP		POM	
Nominal tensile strength F'_N straight run	N/m	16200	16200	26300	26300
	lb/ft	1110	1110	1802	1802
Temperature range	°C	5 - 60	5 - 60	-40 - 60	-40 - 60
	°F	40 - 140	40 - 140	-40 - 140	-40 - 140
Belt weight m_B	kg/m ²	6.9	6.9	9.9	9.9
	lb/sqft	1.42	1.42	2.03	2.03

Diameter of idling rollers (minimum)		Diameter of support rollers (minimum)		Diameter for gravity take-up and center drive rollers (minimum)		Backbending radius for elevators without sideguards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch
40	1.6	50	2	100	4	150	6

Use the largest possible backbending radius for elevators with side guards or hold down devices.

Standard range of belt widths b_0

mm (nom.)	76	152	229	305	381	457	533	610	686	762	838	914	991	etc.
inch (nom.)	3	6	9	12	15	18	21	24	27	30	33	36	39	etc.

Real belt widths are in most cases 0.1% to 0.3% smaller.
Real belt widths for PP are 0.1% to 0.3% wider.

Standard belt widths in increments of 76.2 mm (3"). Non-standard widths are offered in increments of 15.24 mm (0.6"). Smallest possible width 76.2 mm (3").

For detailed material properties refer to the HabasitLINK[®] Engineering Guidelines or contact your Habasit representative.

The nominal tensile strength is valid for 23 °C (73 °F). The admissible tensile force depends on the operating temperature near the drive sprockets. Within the temperature range allowed, the admissible tensile force may vary from 100% to 20% of the nominal tensile strength. For detailed information and correct calculation of effective tensile force refer to the Calculation Guide in the HabasitLINK[®] Engineering Guidelines.